

# King County DNRP Water Quality Index

STATION **CHERRY 1** WATER YEAR **2018**

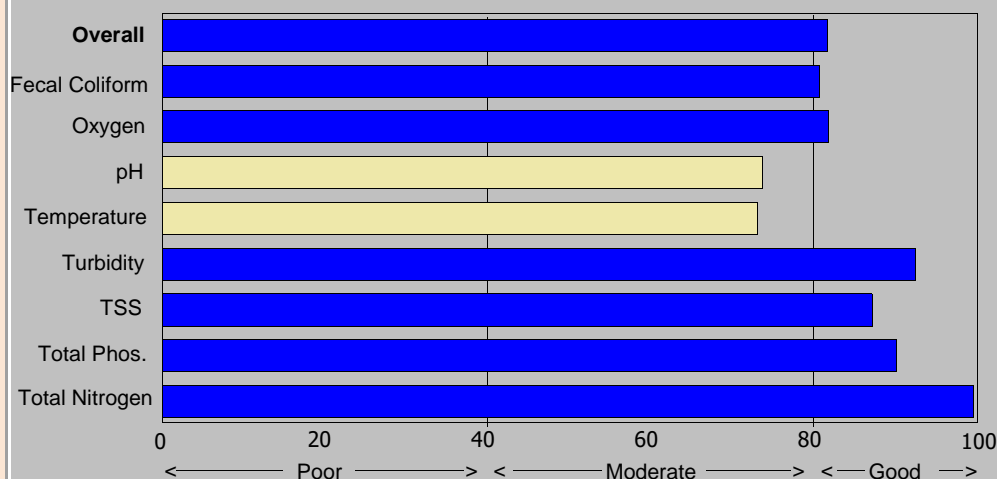
**GAUGE # 05A Cherry Creek**

**Overall Index 82**

King County monitors water quality in Cherry Creek at NE Cherry Valley Road at station CHERRY\_1. King County began sampling in Cherry Creek in 2011. Approximately 8,320 acres of land drain to the sampling point located just east of Duvall. Cherry Creek drains rural residential developments on the hills that form the east side of the lower Snoqualmie Valley. Cherry Creek is listed on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of pH standards. The creek is also on Ecology's Category 4a list as part of the Snoqualmie River Watershed Multi-parameter and Temperature TMDLs.

## Annual Water Quality Index Scores

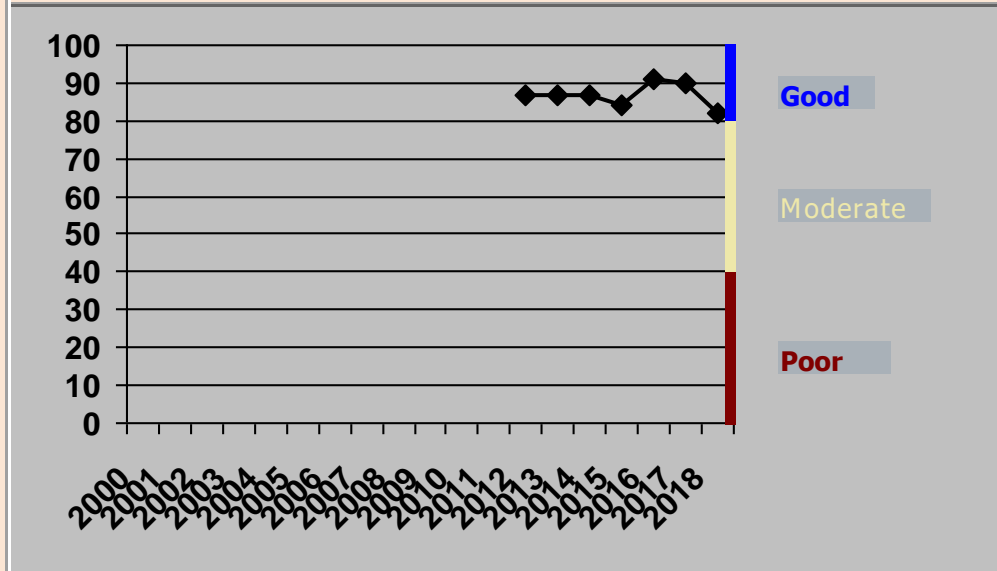
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
98	95	96	99	100	100	92	93	89	80	77	93

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>